As a below-named inventor, I hereby declare that:

Page 1 of 3 Docket No. YOR920000578US1

DECLARATION FOR PATENT APPLICATION English Language Declaration

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TUNGSTEN ENCAPSULATED COPPER INTERCONNECTIONS USING ELECTROPLATING

the specification of which (check one)	
is attached hereto. was filed on, as United States Patent Application Serial No. o International Application Number, and was amended on (if applicable)	
I hereby state that I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above.	cation,
acknowledge the duty to disclose information which is material to the patentability of application in accordance with 37 CFR § 1.56(a).	of this
hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or §365(b) of any application(s) for patent or inventor's certificate listed below, or § 365(a) of any PCT internapplication which designated at least one country other than the United States of America, below and have also identified below any foreign application for patent or inventor's certaining a filing date before that of the application on which priority is claimed:	ational , listed
Priority Claimed [] (Application No.) (Country) (Day/Month/Year Filed) YES	[] NO
I hereby claim the benefit under Title 35, United States Code § 119(e) of any United provisional application(s) listed below:	States
(Application Serial No.) (Filing Date)	
I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed	

Page 2 of 3 Docket No. YOR920000578US1

United States application in the manner provided by 35 U.S.C. § 112, first paragraph, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(U.S. Filing Date)	(Status)
		(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (*list name and registraton number*)

Manny W. Schecter, Reg. No. 31,722; Lauren C. Bruzone, Reg. No. 35,082, Christopher A. Hughes, Reg. No. 26,914,; Edward A. Pennington, Reg. No. 32,588; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Richard M. Ludwin, Reg. No. 33,010; Marc A. Ehrlich, Reg. No. 39,966; Wayne L. Ellenbogen, Reg. No. 43,602; Stephan C. Kaufman, Reg. No. 29,551; Marian Underweiser, Reg. No. 46,134; David M. Shofi, Reg. No. 39,835; Robert M. Trepp, Reg. No. 25,933; Louis P. Herzberg, Reg. No. 41,500; Louis J. Percello, Reg. No. 33,206, Paul J. Otterstedt, Reg. No. 37,411; Daniel P. Morris, Reg. No. 32,053; Douglas W. Cameron, Reg. No. 31,596; and all of INTERNATIONAL BUSINESS MACHINES CORPORATION.

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Full name of second joint inventor (if any) _Steven H. Boettcher

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